



California State Fire Marshal
National Fire Incident Reporting System

Data as of: 01/28/2008 1:52:43PM

FDID Range:
0 to No Upper Bound

Incident Date Range:
01/01/2003 to 12/31/2007

Incident Type:
111 to 123

Detector Presence:
1 to No Upper Bound

Presence and Type of Detection Systems, 2003-2007

<u>Incident Year</u>	<u>Detector Presence</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2003									
	Detectors Present								
		Combination smoke - heat	162	\$1,799,973	\$1,137,076	6	0	3	0
		Heat	34	\$417,705	\$575,355	0	0	0	0
		More than 1 type present	61	\$437,500	\$230,879	4	0	0	0
		Other	42	\$344,005	\$174,012	2	0	2	0
		Smoke	2,093	\$38,598,293	\$13,154,905	37	0	87	17
		Sprinkler, water flow detection	86	\$4,733,200	\$8,836,070	6	0	2	0
		Undetermined	647	\$12,702,517	\$2,959,473	14	0	22	4
		Subtotal	3,125	\$59,033,193	\$27,067,770	69	0	116	21
	None Present								
		(Unspecified)	3,338	\$85,429,330	\$33,782,538	60	0	83	10
		Subtotal	3,338	\$85,429,330	\$33,782,538	60	0	83	10
	Undetermined								
		(Unspecified)	665	\$19,426,327	\$8,461,688	11	0	26	6
		Subtotal	665	\$19,426,327	\$8,461,688	11	0	26	6
2003	Total		7,128	\$163,888,850	\$69,311,996	140	0	225	37
2004									
	Detectors Present								
		Combination smoke - heat	148	\$3,462,925	\$1,091,685	0	0	2	0
		Heat	64	\$2,531,801	\$1,072,747	0	0	1	0
		More than 1 type present	94	\$11,506,850	\$25,432,720	1	0	4	0

Presence and Type of Detection Systems, 2003-2007

<u>Incident Year</u>	<u>Detector Presence</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Other	32	\$482,200	\$225,100	0	0	0	0
		Smoke	3,105	\$64,757,199	\$23,444,398	44	0	141	17
		Sprinkler, water flow detection	111	\$4,189,550	\$1,967,701	1	0	2	0
		Undetermined	675	\$20,038,380	\$6,546,016	7	0	25	1
		Subtotal	4,229	\$106,968,905	\$59,780,367	53	0	175	18
	None Present	(Unspecified)	4,511	\$106,260,725	\$40,483,152	46	0	93	19
		Subtotal	4,511	\$106,260,725	\$40,483,152	46	0	93	19
	Undetermined	(Unspecified)	1,520	\$49,341,693	\$19,060,925	40	0	82	19
		Subtotal	1,520	\$49,341,693	\$19,060,925	40	0	82	19
	2004	Total	10,260	\$262,571,323	\$119,324,444	139	0	350	56
2005									
	Detectors Present	Combination smoke - heat	228	\$10,260,513	\$1,835,482	5	0	4	0
		Heat	79	\$1,584,225	\$1,260,150	0	0	1	0
		More than 1 type present	133	\$1,311,010	\$3,574,145	2	0	2	0
		Other	43	\$2,190,900	\$1,568,501	0	0	1	1
		Smoke	3,950	\$114,136,282	\$38,961,754	62	0	202	20
		Sprinkler, water flow detection	178	\$2,447,151	\$14,275,726	5	0	8	0
		Undetermined	653	\$23,458,828	\$11,304,027	8	0	41	4
		Subtotal	5,264	\$155,388,909	\$72,779,785	82	0	259	25
	None Present	(Unspecified)	4,933	\$152,426,397	\$57,994,747	79	0	132	26
		Subtotal	4,933	\$152,426,397	\$57,994,747	79	0	132	26
	Undetermined	(Unspecified)	3,017	\$110,614,093	\$35,367,750	59	1	142	27
		Subtotal	3,017	\$110,614,093	\$35,367,750	59	1	142	27

Presence and Type of Detection Systems, 2003-2007

<u>Incident Year</u>	<u>Detector Presence</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2005	Total		13,214	\$418,429,399	\$166,142,282	220	1	533	78
2006									
	Detectors Present								
		Combination smoke - heat	217	\$5,695,231	\$2,256,484	0	0	8	1
		Heat	60	\$1,762,475	\$426,521	1	0	0	2
		More than 1 type present	137	\$3,162,721	\$3,549,621	0	0	0	0
		Other	40	\$616,500	\$272,935	0	0	1	0
		Smoke	3,311	\$98,176,432	\$31,317,195	74	0	164	22
		Sprinkler, water flow detection	148	\$103,401,825	\$2,256,951	0	0	4	0
		Undetermined	619	\$18,538,269	\$6,998,911	14	0	34	11
		Subtotal	4,532	\$231,353,453	\$47,078,618	89	0	211	36
	None Present								
		(Unspecified)	3,906	\$108,348,366	\$50,772,318	67	1	90	27
		Subtotal	3,906	\$108,348,366	\$50,772,318	67	1	90	27
	Undetermined								
		(Unspecified)	3,359	\$250,244,263	\$65,933,822	42	0	136	32
		Subtotal	3,359	\$250,244,263	\$65,933,822	42	0	136	32
2006	Total		11,797	\$589,946,082	\$163,784,758	198	1	437	95
2007									
	Detectors Present								
		Combination smoke - heat	180	\$3,419,419	\$1,302,257	1	0	3	0
		Heat	39	\$2,042,750	\$698,650	1	0	1	0
		More than 1 type present	97	\$1,802,530	\$1,506,301	0	0	5	0
		Other	48	\$2,206,770	\$973,550	0	0	3	0
		Smoke	2,824	\$84,908,885	\$23,713,645	30	0	100	19
		Sprinkler, water flow detection	133	\$2,042,708	\$13,613,115	1	0	1	0
		Undetermined	519	\$18,361,877	\$5,007,614	12	0	15	6
		Subtotal	3,840	\$114,784,939	\$46,815,132	45	0	128	25
	None Present								

Presence and Type of Detection Systems, 2003-2007

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		(Unspecified)	3,382	\$295,694,198	\$134,457,273	50	0	88	16
		Subtotal	3,382	\$295,694,198	\$134,457,273	50	0	88	16
	Undetermined								
		(Unspecified)	3,247	\$265,765,993	\$120,405,261	58	0	106	27
		Subtotal	3,247	\$265,765,993	\$120,405,261	58	0	106	27
2007	Total		10,469	\$676,245,130	\$301,677,666	153	0	322	68
	Grand Total		52,868	\$2,111,080,784	\$820,241,146	850	2	1,867	334

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.